



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filed: 10/686,947
October 16, 2003
Applicant(s): Xu
Title: Cloning of Cytochrome p450 Genes from Nicotiana
Art Unit: 1651
Examiner: Not Assigned

Attorney Docket No.: 79601
Customer No.: 22242

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CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

JAN 03 2005

Date

James P. Krueger

Registration No. 35,234

Attorney for Applicant(s)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Washington, D.C. 20231

Sir or Madam:

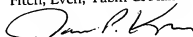
Pursuant to the duty of disclosure under 37CFR §1.56, and in accordance with 37CFR §§1.97 and 1.98, Applicant and the undersigned bring the following information with respect to the above-identified application to the attention of the Examiner.

The cited documents are listed on Form PTO/SB/08 which accompanies this Information Disclosure Statement. In accordance with 37 CFR §1.98(a)(2), enclosed is a copy of each non-patent literature document listed.

Pursuant to 37CFR §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37CFR §1.56(b).

The Commissioner is hereby authorized to charge any additional fees which may be required with respect to this communication, or credit any overpayment, to Deposit Account No. 06-1135.

Respectfully submitted,
Fitch, Even, Tabin & Flannery


James P. Krueger
Registration No. 35,234

Date: JAN 03 2005

Fitch, Even, Tabin & Flannery
120 South LaSalle Street, Suite 1600
Chicago, Illinois 60603-3406
(312) 577-7000



PTO 808A
Substitution of prior art P.O. 1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number 10/686,947
Filing Date October 16, 2003
First Named Inventor Xu
Art Unit 1651
Examiner Name N/A
Attorney Docket 79601

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		BAULCOMBE, "Fast Forward Genetics Based on Virus-Induced Gene Silencing," <u>Current Opinion in Plant Biology</u> , 1999, 2:109-113.	
		BURTON ET AL. "Changes in Chemical Composition of Burley Tobacco During Senescence and Curing. 2. Acylated Pyridine Alkaloids, <u>American Chemical Society</u> 1988.	
		CHAPPLE, "Molecular-Genetic Analysis of Plant Cytochrome P450-Dependent Monooxygenases, <u>Annu. Rev. Plant Physiol. Plant. Mol. Biol.</u> 1998. 49:311-43.	
		CHELVARAJAN ET AL., "Study of Nicotine Demethylation in <i>Nicotiana glauca</i> ", <u>J. Agric. Food Chem.</u> 1993, 41. 858-862.	
		FANNIN ET AL. "Nicotine Demethylation in Nicotiana", <u>Med. Sci. Res.</u> 1992;20 807-808.	
		HAO ET AL. "Mechanism of Nicotine N-Demethylation in Tobacco Cell Suspension Cultures", Institute of Cell and Molecular Biology, The University of Edinburgh, 1995.	
		HAO ET AL. "Nicotine N-Demethylase in Cell-Free Preparations from Tobacco Cell Cultures", <u>Phytochemistry</u> , Vol 42, No. 2, pp.325-329, 1996.	
		HAO ET AL. "Evidence in Favour of an Oxidative N-Demethylation of Nicotine to Nicotinine in Tobacco Cell Cultures", <u>Journal Plant Physiology</u> , Vol. 152, pp.420-426 (1998).	
		MESNARD ET AL., "Evidence for the Involvement of Tetrahydrofolate in the Demethylation of Nicotine by <i>Nicotiana glauca</i> Cell-Suspension Cultures", <u>Planta</u> (2002) 214:911-919, August 4, 2001.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.